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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/846,632	05/01/2001	Andrew D. Dubner	56650US002	4391

32692 7590 08/10/2005

3M INNOVATIVE PROPERTIES COMPANY
PO BOX 33427
ST. PAUL, MN 55133-3427

EXAMINER

FRIDIE JR, WILLMON

ART UNIT	PAPER NUMBER
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3722

DATE MAILED: 08/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No. 09/846,632	Applicant(s) DUBNER ET AL.	
	Examiner Willmon Fridle	Art Unit 3722	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1,2,9,12,13,23 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stephens in view of Smith.

Stephens discloses a security feature (16), a transparent fragile layer (12) and a transparent durable layer (12'). Further Stephens inherently teaches the method in claims 23 and 24 and substantially all of the subject matter set forth in the claims except for the claimed layer materials and indicia on one of its transparent layers. Smith discloses that it is well known in the art to provide indicia on a transparent layer associated with an information bearing assembly (see column 2, lines 10-16). It would

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have been obvious to a skilled artisan at the time of the invention was made to provide Stephens with indicia on one of its transparent layers in the manner as taught by Smith in order to provide more information to the user.

Further, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use the claimed material, since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design choice. *In re Leshin*, 125 USPQ 416.

Claims 3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stephens as modified by Smith as applied to claims 1,2,9,12,13,23 and 24 above, and further in view of Killey.

Stephens as modified by Smith discloses the claimed invention and substantially all of the subject matter set forth in the claims except for a holographic layer. Killey discloses and teaches that it is well known in the art to use a holographic foil layer in its assembly. It would have been obvious to a skilled artisan at the time of the invention was made to provide Stephens as modified by Smith with a holographic layer in the manner as taught by Killey in order to enhance the security feature .

Claims 4,6-8,10,11,14-16,19,20 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stephens as modified by Smith as applied to claims 1,2,9,12,13,23 and 24 above, and further in view of McConville et al..

Stephens as modified by Smith discloses all of the subject matter set forth in the claims except for a retro reflective layer of glass beads . McConville discloses and teaches that it is well known in the art to use retro reflective layer of glass beads (24), hot melt

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adhesive (32), a protective coating lacquer coating and an index coating (26) in his assembly. It would have been obvious to a skilled artisan at the time of the invention was made to provide Stephens as modified by Smith with a retro reflective layer of glass beads, hot melt adhesive and a protective coating lacquer coating and an index coating (26) in the manner as taught by McConville et al. in order to enhance and protect the security feature .

McConville et al. further teaches that it is well known in the art to use a composite assembly of the claimed elements in a document of value (see column 1, lines 25-65).

Claims 17 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stephens as modified by Smith as applied to claims 1,2,9,12,13,23 and 24 above, and further in view of Killey and McConville et al..

It would have been obvious to a skilled artisan to provide Stephens as modified by Smith with a multi-layer optical film layer and a holographic foil layer in the manner as taught by McConville et al and Killey for the reasons stated in the previous paragraphs.

Response to Arguments

Applicant's arguments filed 5/26/05 have been fully considered but they are not persuasive.

In response to applicant's argument that the examiner's conclusion of obviousness is based upon improper hindsight reasoning, it must be recognized that any judgment on obviousness is in a sense necessarily a reconstruction based upon hindsight reasoning. But so long as it takes into account only knowledge which was

within the level of ordinary skill at the time the claimed invention was made, and does not include knowledge gleaned only from the applicant's disclosure, such a reconstruction is proper. See *In re McLaughlin*, 443 F.2d 1392, 170 USPQ 209 (CCPA 1971).

In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., the specific of the "durable" and "fragile" layers) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, all of the cited references are clearly in the field of endeavor of applicant's claimed invention.

In response to applicant's argument that the combination of Stephens and Smith is untenable, the test for obviousness is not whether the features of a secondary reference may be bodily incorporated into the structure of the primary reference; nor is it that the claimed invention must be expressly suggested in any one or all of the

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references. Rather, the test is what the combined teachings of the references would have suggested to those of ordinary skill in the art. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981).


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Willmon Fridie whose telephone number is 571 272 4476. The examiner can normally be reached on Monday - Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Boyer Ashley can be reached on 571 272 4502. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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WILLMON FRIDIE, JR.
PRIMARY EXAMINER